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Wisconsin
Department of Commerce

SAFETY AND BUILDINGS DIVISION
Plumbing Product Review
P.O. Box 2658
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TTY: Contact Through Relay

Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

September 22, 2009

CULLIGAN INTERNATIONAL
ROBERT LABOUBE
9399 W HIGGINS RD SUITE 1100
ROSEMONT IL 60018

ACE HARDWARE CORPORATION
ROBERT LABOUBE
2200 KENSINGTON COURT
OAK BROOK IL 60521

Re: Description: WATER TREATMENT DEVICE- ACTIVATED CARBON
Manufacturer: ACE HARDWARE CORPORATION
Product Name: ACE UNDER SINK DRINKING WATER FILTER (POU)
Model Number(s): 4158622 USING THE 49642 CARTRIDGE (POU)
Product File No: 20090291

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of September 2014.

This approval is contingent upon compliance with the following stipulation(s):

- This product has undergone sufficient testing to document the product's ability to reduce only those contaminants and/or substances as specified in this approval letter when the product is installed and maintained in strict accordance with the manufacturers published instructions.

- Where the Department of Natural Resources (DNR) has jurisdiction, a written approval may be required prior to installation of this product in a water supply system to reduce the concentration of a contaminant that exceeds the primary drinking water standards contained in ch. NR 809, Wis. Admin. Code, the enforcement standards contained in ch. NR 140, Wis. Admin. Code, or for a water supply system that is subject to a written advisory opinion by the DNR. For more information contact the DNR Section of Private Water Systems, P.O. Box 7921, Madison, WI 53707, telephone (608) 266-3415.

- If this approved device is modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.

- If the treatment components of this device (e.g. replacement cartridge) are replaced with anything other than those originally approved for use with this device, then this approval shall immediately be considered null and void.

Based on testing data submitted to and reviewed by the department, this approval recognizes that this plumbing product will reduce the concentration of contaminants as specified on pages 1 through 2 of this letter.

TABLE 1 OF 1
PRODUCT FILE NUMBER 20090291
AESTHETICS EFFECTING INORGANIC CONTAMINANT REDUCTION CAPABILITIES

Flow Rate: 3.8 liters per minute (lpm) [1.0 gallons per minute (gpm)]
Capacity: 946 liters (l) [250 gallons (gals.)] for free chlorine reduction performance. For particulate reduction, the capacity is dependent on the type and quantity of particulate matter present in the influent water, the need for maintenance may be indicated by a significant decrease in flow rate.

Tested Contaminant	Influent Challenge Level (mg/l)*
Chlorine (free)	2.0 ± 0.2
Particles (≥ 1.0 - < 5.0 μm)	≥ 10,000 #/ml

Other conditions: the contaminant reduction performance data displayed for table 1 of 1 was generated by testing conducted in accordance with NSF *International* Standard 42. To qualify for free chlorine reduction, the device must reduce the influent challenge concentrations by ≥ 50%; meeting the free chlorine reduction requirements also qualifies the device for the reduction of aesthetic, organic, taste and odor reduction (e.g. geosmin, methylisoborneol); this does not include hydrogen sulfide. To qualify for particulate reduction, the device must reduce the influent particulate concentrations by ≥ 85%.

mg/l = milligrams per liter are equivalent to parts per million (ppm)
***** = unless otherwise indicated
± = plus or minus
≥ = greater than or equal to
μm = micrometers
#/ml = particles per milliliter
< = less than

This device was tested under controlled laboratory, or field, conditions. The actual performance of this device for a specific end use installation will vary from the tested conditions based on local factors such as water pressure, water temperature and water chemistry.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
Engineering Consultant-Plumbing Product Reviewer
Bureau of Integrated Services
Safety and Buildings Division
Department of Commerce
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GWS:gws